

Center for Global Languages

LOCATION: Meade Middle School,
Anne Arundel County
ENTERING GRADES: 4 - 6
DATES: July 9 - 19
TUITION: \$250 two-week nonresidential

This Center is designed to offer you an introduction to the language and the culture of the Chinese and Arabic people. Choose Chinese whose civilization is far more ancient than ours. Greet friends and talk about your family in Chinese, plan a trip to Beijing and participate in many of the same activities that Chinese students do in China. Or, you might enjoy the excitement and beauty of the Arabic language and culture as it comes alive with hands-on experiences. This center offers a rigorous, engaging, and exciting cultural experience aimed at expanding students' knowledge and understanding of language and diverse people.

Contact: Jennifer Hernandez
World and Classical Languages
Anne Arundel County Public
Schools
2644 Riva Road
Annapolis, MD 21401
(410) 222-5424
jhernandez3@aacps.org

Center for Law and Government

LOCATION: University of Maryland
School of Law
Baltimore City
ENTERING GRADES: 10 - 12
DATES: July 9 - 19
TUITION: \$300 two-week
nonresidential (Monday through
Thursday only)

Meet and work with attorneys, judges, law clerks, law enforcement officers and law-makers as you participate in simulations of civil, criminal, and appellate court cases in a law school environment. You will decide whether the government exceeded its rights in tracking a suspected drug dealer. You will weigh all aspects of the case, consider its path through the courts system, and determine pros and cons of the Supreme Court decision.

Contact: Shelley Brown
Maryland Bar Center, 4th Floor
520 W. Fayette Street
Baltimore, MD 21201
(410) 706-5360
sbw@clrep.org
www.clrep.org

Center for Computer Programming: Animation and Robotics

LOCATION: Aberdeen High School,
Harford County
ENTERING GRADES: 4 - 10
DATES: Session 1 (Gr. 4 - 7) July 11- 22
Session 2 (Gr. 8-10) July 25-Aug 5
9:00 AM - 3:00 PM
TUITION: \$250 two-week nonresidential

Have you ever wanted to design your own animated computer game? Is computer programming something that you think about doing in your future? Are you interested in the world of gaming, graphic arts, information assurance, or cyber security? You will have an opportunity to work in teams as well as independently to produce a computer animated story. As you practice manipulating your story objects, you will learn how to create programming codes and will develop story boards and finally your own animated story will evolve that will be shared with STEM professionals. In addition, you will learn a different type of programming as you build and program a robot to complete a series of maneuvers. As part of an engineering team, you will collaborate on the most effective codes to use to make your robot successfully complete its tasks. You will also learn about the careers open to those with computer programming skills in the areas of higher education, high tech industries, the sciences, military, and national security.

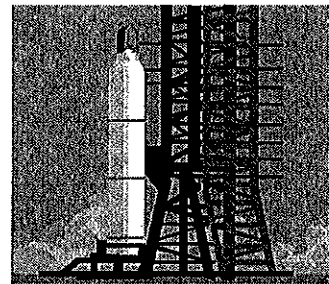
Contact: Debra Daugherty
Harford County Public Schools
102 South Hickory Avenue
Bel Air, MD 21014
(410) 588-5354
debra_daugherty@hcps.org
www.hcps.org/gifted

How to Apply

Obtain application information from the website www.marylandpublicschools.org/summercenters, the Center Contact, or Stephanie Zenker
Maryland State Department of Education
200 W. Baltimore Street 5th floor
Baltimore, MD 21201
410-767-0821
szenker@msde.state.md.us

All programs use a selection process based on multiple criteria. Programs in the arts require a portfolio and/or audition. Please note earlier dates for auditions in the arts programs.

**All Maryland Summer Centers
programs offer financial assistance.**



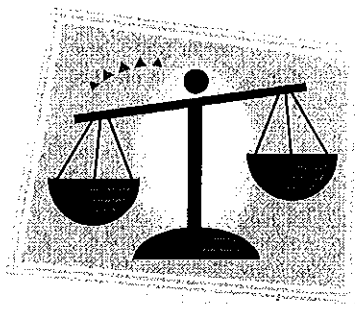
Center for Future Engineers: Robot Design

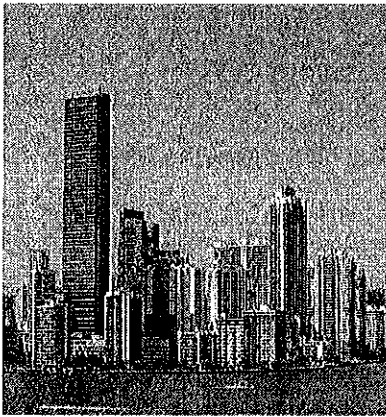
Funded by Northrop Grumman and
the Maryland Space Business
Roundtable

LOCATION: Frostburg State
University
Allegany County
ENTERING GRADES: 9 - 12
DATES: June 23 - 28
TUITION: \$475 6-day residential

Look into the future as you design and program your very own robot to traverse a simulated moon surface. You will assess the terrain and then use your newly acquired engineering knowledge, creativity, and passion to program your robot to accomplish certain goals. While working with engineers in high tech, state-of-the-art labs and you will also explore career paths in the exciting field of engineering. In addition, you will have the opportunity to experience living on a college campus.

Contact: Dr. M. Eltayeb
Center for Future Engineers: Robotic
Design
Frostburg State University
Department of Physics and
Engineering
123 Compton Science Center
Frostburg, MD 21532
(301) 687-4298
Fax (301) 687-7966
mseltayeb@frostburg.edu
www.msc-robotics.net





**Center for Urban Sustainability
at the Maryland Science Center**
Funded by Northrop Grumman

LOCATION: Maryland Science Center, Baltimore City
ENTERING GRADES: 7 - 9
DATES: June 25 - July 15
TUITION: \$450 three-week nonresidential

Students will have the opportunity to explore one of three strands of urban sustainability: urban agriculture, energy, and water. You might choose urban agriculture where you will investigate the real possibility of growing food in and around Baltimore. You will plan design, and build a sustainable wall garden on the site of the Science Center transforming the building into a beautiful oasis in the City. Or, you might choose the energy strand where you will explore the environmental and economic impacts of solar, wind, and steam energy as well as alternative fuel sources such as geothermal, hydroelectric, and nuclear energy. What is the feasibility of using these energy sources at the Science Center and throughout the City? And, finally, you might choose the water strand where you will study the causes and effects of pollution in the Inner Harbor and be a part of the Mayor's Clean Harbor Initiative. A field trip will be included for each strand.

Contact: Matt Budinger
Perry Hall High School
4601 Ebenezer Road
Baltimore, MD 21236
(410) 887-5108
mbudinger@bcps.org

**Center for Chesapeake Bay
Watershed Investigations at the
National Aquarium**

LOCATION: National Aquarium, Baltimore City and the University of Maryland Center for Environmental Science at Horn Point, Dorchester County
ENTERING GRADES: 7 - 9
DATES: July 23 - 27 non-residential and July 30 - August 8 residential
TUITION: \$400 includes one-week nonresidential + one week residential

Work alongside scientists at the National Aquarium and the U. of M. Center for Environmental Science. Week one will be at the National Aquarium where you will use the Aquarium's fish collection as a study tool, identify local plants and animals, and create a biodiversity study. During field visits to a freshwater and brackish water site you will travel by kayak to collect field data on water quality and biodiversity.

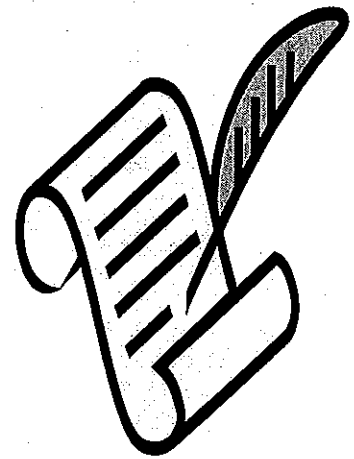
For week two, you will be transported to the U. of M. Center for Environmental Science where you will live in dorms. Working with the scientists at the Horn Point Lab, you will learn about and assist scientists with current research efforts on key Chesapeake Bay species. You will conduct scientific studies on water quality and biodiversity in different areas of the Chesapeake Bay watershed to determine human impacts and possible solutions.

Students must be able to attend both weeks.

Contact: Maria Madero
National Aquarium
501 East Pratt Street
Baltimore, MD 21202
(410) 576-3875
mmadero@aquaria.org

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Equity Assurance and Compliance Branch.

410-767-0433 - voice
410-767-0431 - fax
410-333-6442 - TTY/TDD



**Dixon Center for Creative Writing
and Film Production at Washington
College**
Funded by Dixon Valve & Coupling Company

LOCATION: Washington College, Kent County
ENTERING GRADES: 7 - 9
DATES: July 9 - 20
TUITION: \$200 two-week nonresidential

Become an author, playwright, or poet as you spend Week 1 at the Dixon Center for Creative Writing and Film Production reading works of famous authors and then becoming a famous author yourself. Learn the power of the written word - to amuse, to inform, to persuade - as you hone your craft on state-of-the-art computers. Be inspired by Washington College creative writing professors and authors as they share their expertise with you.

During Week II at the Dixon Center for Creative Writing and Film Production, you will turn your written words into a short film created and produced by you! Learn how to turn your creative writing into a story board. Then, learn the mechanics of videography as you shoot and edit your film. Finally, present your creative writing masterpieces and your film to an audience of your parents/guardians, college professors, and business professionals at the Celebration on the final day of the Center.

Contact: Mary Price
Dixon Valve and Coupling Company
800 High Street
Chestertown, MD 21620
(410) 778-7624
mprice@dixonvalve.com